

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE 1 OF 2 PAGES
2. AMENDMENT/MODIFICATION NO. M091	3. EFFECTIVE DATE See Block 16.c	4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)
6. ISSUED BY U.S. Department of Energy Office of Civilian Radioactive Waste Management Office of Repository Development 1551 Hillshire Drive Las Vegas, NV 89134-6321	CODE	7. ADMINISTERED BY (If other than Item 6) CODE U.S. Department of Energy OCRWM Office of Repository Development 1551 Hillshire Drive Las Vegas, NV 89134-6321		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) Bechtel SAIC Company, LLC 1180 Town Center Drive Las Vegas, NV 89144			(%)	9A. AMENDMENT OF SOLICITATION NO.
EXECUTED COPY				9B. DATED (SEE ITEM 11)
			X	10A. MODIFICATION OF CONTRACT/ORDER NO. DE-AC28-01RW12101
			10B. DATED (SEE ITEM 13) 11/14/00	
CODE	FACILITY CODE			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required):

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

(%)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	Bilateral – Mutual Agreement of the Parties
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ___ is not, ___X___ is required to sign this document and return ___ 3 ___ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to incorporate revised provisional Fiscal Year (FY) 2006 Work Authorization Directives (WADs) into Contract DE-AC28-01RW12101.

Except as provided herein, all terms and conditions of the document referenced in Item 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) Ted C. Feigenbaum President and General Manager		16. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Kathleen M. Clemensen Contracting Officer	
15B. CONTRACTOR/OFFEROR Margaret McCulloch (Signature of person authorized to sign)	15C. DATE SIGNED 3/31/06	16B. UNITED STATES OF AMERICA BY Kathleen M. Clemensen (Signature of Contracting Officer)	16C. DATE SIGNED 3/31/06

1. Contract No. DE-AC28-01RW12101 is hereby modified to incorporate WAD YMP0006, Rev. 01 (Attachment 1) in the amount of \$243,549,000, WAD NT00006, Rev. 01 (Attachment 2) in the amount of \$21,310,000, WAD PMI0006, Rev. 01 (Attachment 3) in the amount of \$13,107,000, and WAD QA00006, Rev. 01 (Attachment 4) in the amount of \$8,730,000 as follows:

2. Contract Line Items (October 1, 2005 through September 30, 2006):

Summary of Direct Costs

a. Yucca Mountain (YMP0006 Rev. 01)	\$243,549,000
b. National Transportation and Integration (NT00006, Rev. 01)	\$21,310,000
c. Program Management & Integration (PMI0006, Rev. 01)	\$13,107,000
d. Quality Assurance (QA00006, Rev. 01)	<u>\$8,730,000</u>
Total FY 2006 Provisional WADs	\$286,696,000

3. As a result of this modification, the amount of funds obligated under this contract remains the same. In accordance with Clause B.2, OBLIGATION OF FUNDS, the total funds obligated under the contract are \$1,477,399,573.10.
4. Except as provided herein, all terms and conditions of the document referenced in Block 10A of the Standard Form 30, as heretofore changed, remains unchanged and in full force and effect.

U. S. DEPARTMENT OF ENERGY
WORK AUTHORIZATION DIRECTIVE
To
BECHTEL SAIC COMPANY, LLC

Management & Operating (M&O) Contractor for the
U.S. DOE OCRWM

1. PROJECT TITLE: YUCCA MOUNTAIN PROJECT
2. WAD NO: YMP0006 Provisional
3. REVISION: 01
4. RESOURCE REQUIREMENT:
5. CONTRACT LINE ITEM #:
6. PERFORMANCE PERIOD: October 1, 2005 to September 30, 2006

ESTIMATED BASELINE COSTS (\$ in k)

	FY 2006 Workscope Rev 00	FY 2006 Workscope Rev 01	Total Cost
TOTAL COST	97,967 *	145,582	243,549

* Does not include fee

7. SUMMARY OF WORK AUTHORIZED:

The work scope includes design, procure and construct a monitored geologic repository to receive and emplace Spent Nuclear Fuel and High-Level Waste. Major activities are identified in the WBS: Project Support (1.5.01), preparation of License Application (1.5.02), Safety Analysis and Assessment (1.5.03), Initial Infrastructure Readiness (1.5.05), Balance of Plant Infrastructure (1.5.06), Subsurface Repository (1.5.12), Waste Package (1.5.13), Fuel Handling (1.5.14), Canister Handling (1.5.15), Dry Transfer - 1 (1.5.16), and Dry Transfer - 2 (1.5.17). The work authorized in this revision includes the difference between the provisional Rev 0 WAD (half of the original planning guidance of \$195,934) and the Fiscal Year 2006 PED Baseline as of September 2005 (+\$246,843). It also includes Baseline Change Proposals (BCPs): YMP-2005-086 (+\$4,202), YMP-2006-004 (+\$5,466), YMP-2006-008 (+\$399), YMP-2006-007 (scope was approved but the cost/schedule was implemented with the AWP), and YMP-2006-001 (-\$111,410), YMP-2006-010 (incorporated in AWP), and YMP-2006-022 (+\$82).

8. RESPONSIBLE DOE OFFICIAL:

KW Po
Contracting Officer's Representative

3/30/06
Date

9. DOE WORK AUTHORIZATION OFFICIAL:

Kathleen M. Clemensen
Name & RW Code
Contracting Officer

3/30/06
Date

10. M&O GENERAL MANAGER:

Margaret B. McCulloch
Ted C. Felgenbaum

3/31/06
Date

WAD No: YMP0006**Revision: 01****Title: Yucca Mountain Project****A. SCOPE OF WORK**

The Contractor shall perform the work scope for the WBS areas listed below as specified in the Multi-Year Planning System (MYPS).

Bechtel SAIC Company (BSC) shall perform all work in accordance with the QA program requirements.

Major areas under this WAD are:

<u>WBS Title</u>	<u>WBS Number</u>
Project Support	1.5.01
License	1.5.02
Safety Analysis And Assessment	1.5.03
Initial Infrastructure Readiness	1.5.05
Balance of Plant Infrastructure	1.5.06
Subsurface Repository	1.5.12
Waste Package	1.5.13
Fuel Handling	1.5.14
Canister Handling	1.5.15
Dry Transfer – 1	1.5.16
Dry Transfer – 2	1.5.17

B. DELIVERABLES

The deliverables, as identified in the Multi-Year Planning System (MYPS) will be provided by BSC.

U. S. DEPARTMENT OF ENERGY
WORK AUTHORIZATION DIRECTIVE
To
BECHTEL SAIC COMPANY, LLC

Management & Operating (M&O) Contractor for the
U.S. DOE OCRWM

1. PROJECT TITLE: TRANSPORTATION
2. WAD NO: NT00006 Provisional
3. REVISION: 01
4. RESOURCE REQUIREMENT:
5. CONTRACT LINE ITEM #:
6. PERFORMANCE PERIOD: October 1, 2005 to September 30, 2006

ESTIMATED BASELINE COSTS (\$ in k)

	FY 2006 Workscope Rev 00	FY 2006 Workscope Rev 01	Total Cost
TOTAL COST	12,988 *	8,322	21,310

* Does not include fee

7. Summary of work authorized:

The WAD includes both the National Transportation Project and the Nevada Rail Construction Project. The National Transportation Project includes the work scope identified by the Office of National Transportation as necessary to accomplish the safe and efficient removal of Spent Nuclear Fuel and High Level Waste from their present storage locations to the Yucca Mountain repository. The Nevada Rail Construction Project includes the development of a Nevada rail line from the National rail system to the Yucca Mountain Repository, the conceptual design, and support to the development of the Environmental Impact Statement. The work authorized in this revision includes the Annual Work Plan, ONT-2006-001 (+\$21,310).

8. RESPONSIBLE DOE OFFICIAL:

Kent W. P. 3/30/06
Contracting Officer's Representative Date

9. DOE WORK AUTHORIZATION OFFICIAL:

Kathleen M. Clemensen 3/30/06
Contracting Officer Date

10. M&O GENERAL MANAGER:

Margaret J. McCulloch 3/31/06
Ted C. Feigenbaum Date

WAD No: NT00006

Revision: 01

Title: Transportation

A. SCOPE OF WORK

The Contractor shall perform the work scope for the WBS areas listed below as specified in Multi-Year Planning System (MYPs).

Bechtel SAIC Company (BSC) shall perform all work in accordance with QA program requirements.

Major areas under this WAD are:

	<u>WBS Title</u>	<u>WBS Number</u>
	Transportation	4.0

U. S. DEPARTMENT OF ENERGY
WORK AUTHORIZATION DIRECTIVE
To
BECHTEL SAIC COMPANY, LLC

Management & Operating (M&O) Contractor for the
U.S. DOE OCRWM

1. PROJECT TITLE: PROGRAM MANAGEMENT AND INTEGRATION
2. WAD NO: PMI0006 Provisional
3. REVISION: 01
4. RESOURCE REQUIREMENT:
5. CONTRACT LINE ITEM #:
6. PERFORMANCE PERIOD: October 1, 2005 to September 30, 2006

ESTIMATED BASELINE COSTS (\$ in k)

	FY 2006 Workscope Rev 00	FY 2006 Workscope Rev 01	Total Cost
TOTAL COST	6,291 *	6,816	13,107

* Does not include fee

7. SUMMARY OF WORK AUTHORIZED:

The Program Management and Integration work scope includes: support in Waste Acceptance activities; technical and regulatory support and coordination for interactions with the NRC; technical, regulatory and policy support for Program-level coordination and integration activities related to development of a License Application; time-sensitive technical products and analyses requested by the OCRWM Director; support for off-site planning workshops and strategic, multi-year, and contingency planning; technical support to program performance management including budget planning and annual work plan development, maintain the strategic system Level-0 and Level-1 cost and schedule baselines and WBS; administer the OCRWM Home Page; and provide information management and technology support. It also includes support in Technical Alternatives as identified by the Office of Science & Technology and International. The work authorized in this revision includes the Annual Work Plan, PMA-2006-001 (+\$12,582), and Baseline Change Proposal PMA-2005-005r1 (+\$525).

8. RESPONSIBLE DOE OFFICIAL:

K. W. P...
Contracting Officer's Representative

3/30/06
Date

9. DOE WORK AUTHORIZATION OFFICIAL:

Name & RW Code
Kathleen M. Clemensen
Contracting Officer

3/30/06
Date

10. M&O GENERAL MANAGER:

Margaret D. McCulloch
Ted C. Feigenbaum

3/31/06
Date

WAD No: PMI0006

Revision: 01

Title: Program Management and Integration

A. SCOPE OF WORK

The Contractor shall perform the work scope for the WBS areas listed below as specified in the Multi-Year Planning System (MYPs).

Bechtel SAIC Company (BSC) shall perform all work in accordance with QA program requirements.

Major areas under this WAD are:

<u>WBS Title</u>	<u>WBS Number</u>
Program Management and Integration	9.0

U. S. DEPARTMENT OF ENERGY
WORK AUTHORIZATION DIRECTIVE
To
BECHTEL SAIC COMPANY, LLC

Management & Operating (M&O) Contractor for the
U.S. DOE OCRWM

1. PROJECT TITLE: QUALITY ASSURANCE
2. WAD NO: QA00006 Provisional 5. CONTRACT LINE ITEM #:
3. REVISION: 01 6. PERFORMANCE PERIOD: October 1, 2005 to
September 30, 2006
4. RESOURCE REQUIREMENT:

ESTIMATED BASELINE COSTS (\$ in k)

	FY 2006 Workscope Rev 00	FY 2006 Workscope Rev 01	Total Cost
TOTAL COST	4,250 *	4,480	8,730

* Does not include fee

7. SUMMARY OF WORK AUTHORIZED:

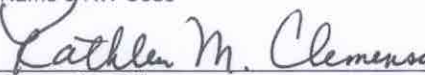
Provide BSC Quality Engineering, Site Quality, and Quality Verification activities to support the implementation of the DOE/RW-0333P Quality Assurance Requirements and Description (QARD) and DOE/RW-0565 Augmented Quality Assurance Program (AQAP) requirements; as applicable, for BSC, BSC subcontractors, national laboratories, and the U.S. Geological Survey (USGS) which provide integrated support. The work authorized in this WAD includes the Annual Work Plan, OQA-2006-001 (-\$7,770).

8. RESPONSIBLE DOE OFFICIAL:


Contracting Officer's Representative

3/30/06
Date

9. DOE WORK AUTHORIZATION OFFICIAL:

Name & RW Code

Contracting Officer

3/30/06
Date

10. M&O GENERAL MANAGER:


Ted C. Feigenbaum

3/31/06
Date

WAD No: QA00006

Revision: 01

Title: Quality Assurance

A. SCOPE OF WORK

The Contractor shall perform the work scope for the WBS areas listed below as specified in the Multi-Year Planning System (MYPS).

Bechtel SAIC Company (BSC) shall perform the work in accordance with QA program requirements.

Major areas under this WAD are:

	<u>WBS Title</u>	<u>WBS Number</u>
Quality Assurance		8.0